

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	multifunction\$3 adj printer and copy\$3 and scan\$4 and fax\$3 and email\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 15:35
L2	0	multifunction\$3 adj printer and copy\$3 and scan\$4 and fax\$3 and email\$4	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 15:18
L3	2	multifunction\$3 with printer same copy\$3 same scan\$4 same fax\$3 same email\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 15:38
L4	6	printer same copy\$3 same scan\$4 same fax\$3 same email\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 15:51
L5	5	print\$3 same copy\$3 same scan\$4 same fax\$3 same email\$4	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 15:53
L6	1391	mfp	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 15:53
L7	63	mfp and "358"/\$.ccls.	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 15:54
L8	4	mfp and email and "358"/\$.ccls.	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 15:55
L9	58	mfp with fax\$3	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 15:55
L10	0	mfp with fax\$3 same email	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 15:56
L11	0	mfp same fax\$3 same email	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 15:56
L12	0	mfp same fax\$3 with email	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 15:56

L13	1	mfp and fax\$3 with email	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 15:58
L14	13	mfp and network adj server	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 16:02
L15	9	mfp same wireless\$2	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 16:06
L16	77	mfp with document	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 16:07
L17	0	mfp same wireless\$2 same document	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 16:07
L18	0	mfp same wireless\$2 same imaging	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 16:07
L19	3	mfp same wireless\$2 same imag\$4	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 16:08
L20	6	mfp and wireless\$2 same imag\$4	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 16:25
L21	2	multifunction\$2 adj printer same wireless\$2	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 16:27
L22	14	((multifunction\$2 multi-function\$2) adj printer or MFP same wireless\$2	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 16:36
L23	8	((multifunction\$2 multi-function\$2) adj printer or MFP same (email e-mail electronic adj document)	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 16:37
S1	7134	illuminat\$4 and image adj sensor and control\$4	USPAT; USOCR; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 13:35

S2	491	illuminat\$4 and image adj sensor and control\$4 and image adj scanning	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 11:38
S3	41	illuminat\$4 with radiat\$4 and image adj sensor and control\$4 and image adj scanning	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 11:39
S4	17	illuminat\$4 with radiat\$4 and image adj sensor with signal and control\$4 and image adj scanning	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 11:40
S5	21	illuminat\$4 with radiat\$4 and ((image line area) adj sensor) with signal and control\$4 and image adj scanning	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 12:11
S6	24	illuminat\$4 with radiat\$4 and ((CCD photoelectric image line area) adj sensor) with signal and control\$4 and image adj scanning	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 12:53
S7	773	((CCD photoelectric image line area) adj sensor) with signal same (original transparent document paper sheet) same transfer\$4	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 12:53
S8	100	((CCD photoelectric image line area) adj sensor) with output adj3 signal same (original transparent document paper sheet) same transfer\$4	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 12:54
S9	23	((CCD photoelectric image line area) adj sensor) with output adj3 signal same (original transparent document paper sheet) same transfer\$4 adj3 (signal charge)	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 12:58
S10	3091	((CCD photoelectric image line area) adj sensor) with receiv\$4 adj2 light	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 12:58
S11	610	((CCD photoelectric image line area) adj sensor) with receiv\$4 adj2 light and transfer\$4 with (signal charges)	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 13:01
S12	137	((CCD photoelectric image line area) adj sensor) with receiv\$4 adj2 light and transfer\$4 with (signal charges) and "358"/\$.ccls.	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 13:02
S13	6	((CCD photoelectric image line area) adj sensor) with receiv\$4 adj2 light and transfer\$4 with (signal charges) and tim\$4 with transfer adj signal and "358"/\$.ccls.	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/07 14:08

S14	5	((CCD photoelectric image line area) adj sensor) with receiv\$4 adj2 light and transfer\$4 with (signal charges) and tim\$4 with transfer adj signal and "358"/\$.ccls. and (original sheet paper document)	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/08 13:55
S15	9	((CCD photoelectric image line area) adj sensor) with receiv\$4 adj2 light and transfer\$4 with (signal charges) and tim\$4 with transfer adj signal and "358"/\$.ccls. and (original sheet paper document)-*+9	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/08 13:55
S16	86	wireless\$2 with mobile with scanner	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/09 13:19
S17	34	wireless\$2 with mobile with scanner and (document paper sheet original manuscript)	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/09 13:19
S18	5	wireless\$2 with mobile with scanner same (document paper sheet original manuscript)	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/09 13:21
S19	7	wireless\$2 with (cell cellular mobile) with scanner same (document paper sheet original manuscript)	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/09 13:21
S20	9	("20020059147" "20020065728" "5450491" "5592560" "5905248" "5939699" "5950173" "6247000" "6525698").PN. OR ("6679421").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/09 13:27
S21	32	wireless\$3 with scanner with (document paper original manuscript sheet)	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/09 13:42
S22	15	wireless\$3 with scanner with (document paper original manuscript sheet) and (CPU notebook PDA mobile with phone cellular cell with phone)	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/09 13:49
S23	19	wireless\$3 with scanner same (document paper original manuscript sheet) and (CPU notebook PDA mobile with phone cellular cell with phone microprocessor PC) and (electronic email e-mail)	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/09 13:59
S24	177	"358"/\$.ccls. and "455"/\$.ccls.	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/09 14:03
S25	1	"358"/\$.ccls. and "455"/\$.ccls. and electronic adj document	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/09 14:03

S26	26	("20010037462" "5068888" "5168444" "5327486" "5459458" "5513126" "5692048" "5787149" "5790790" "5802460" "5873077" "5966663" "5983073" "6002752" "6006087" "6008727" "6008921" "6119137" "6134433" "6216158" "6240183" "6256378" "6289212" "6297891" "6378070" "6674453").PN. OR ("6744528").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/09 15:43
S27	2	document adj server and wireless\$2 with scanner	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/09 15:44
S28	38	document with server and wireless\$2 with scanner	USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/10 10:49
S29	391	document with server and infrared	USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/10 10:50
S30	135	document with server and infrared and scanner	USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/10 11:10
S31	8218	(PC CPU notebook PDA mobile cellular phone wireless\$2) same (electronic adj document email e-mail)	USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/10 11:59
S32	1184	(PC CPU notebook PDA mobile cellular phone) same wireless\$2 same (electronic adj document email e-mail)	USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/10 12:00
S33	27	(PC CPU notebook PDA mobile cellular phone) same wireless\$2 same (electronic adj document email e-mail) and document adj3 server	USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/10 12:03
S34	6	("5555376" "5826269" "5862321").PN. OR ("6487189").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/10 12:01
S35	6	(PC CPU notebook PDA mobile cellular phone) same wireless\$2 same (electronic adj document email e-mail) and document adj3 server and scanner	USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/13 11:16
S36	24	(PC CPU notebook PDA mobile cellular phone) same wireless\$2 same (electronic adj document email e-mail) same scanner	USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/13 11:16
S37	17	network adj scanner and 358/402	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 13:36
S38	1	network adj scanner and wireless and 358/402	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 13:38
S39	4	("5608786" "5805298" "5881233" "6061502").PN. OR ("6785018").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 13:38

S40	1	network adj scanner and wireless and 358/442	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 13:39
S41	0	network adj scanner and wireless and 358/474	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 13:39
S42	12	network with scanner and wireless and 358/474	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 13:41
S43	24	signal with scanner and wireless and 358/474	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 13:41
S44	1	signal with scanner and wireless and 358/474 and 358/402	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 13:41
S45	12	("3592963" "3911206" "4415065" "4547810" "5041917" "5172243").PN. OR ("5418630").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 13:44
S46	1	wireless\$2 with scanner same signal same (electronic adj document email e-mail)	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 13:45
S47	1	wireless\$2 with scanner same signal same (electronic adj document email e-mail)	USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/14 13:45
S48	8	("20020015391" "20020072395" "5812951" "6097804" "6128304" "6141341" "6240449" "6366622").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 13:49
S49	29	wireless same communicat\$4 same scanner same (electronic adj document email e-mail)	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 15:17